

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/008382

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ H04R9/02, H04M1/03

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ H04R9/02, H04M1/03

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005
Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2003-37890 A (Matsushita Electric Industrial Co., Ltd.), 07 February, 2003 (07.02.03), All pages; all drawings (Family: none)	1-7
Y	JP 2003-69250 A (SMK Corp.), 07 February, 2003 (07.02.03), All pages; all drawings (Family: none)	1-7
A	JP 2002-203628 A (J.S.T. Mfg Co., Ltd.), 19 July, 2002 (19.07.02), All pages; all drawings & US 2002/0086591 A1 & EP 1220364 A2	1-7

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"&" document member of the same patent family

Date of the actual completion of the international search
27 July, 2005 (27.07.05)

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16 August, 2005 (16.08.05)

Name and mailing address of the ISA/
Japanese Patent Office

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